

DRAFT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ALBERTO I. ROCA

Appl. No.: 09/358,103

Filed: July 21, 1999

For: Mutants of MAW Motifs of RecA
Protein Homologs, Methods of
Making Them, and Their Uses

Art Unit: 1652

Examiner: Fronda, Christian L.

Atty Docket: ROCA-01

Preliminary Amendment Under 37 C.F.R. § 1.115

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In advance of continued prosecution of the above referenced application, Applicants submit the following amendment and remarks.

Amendments

Please amend the application as follows:

In the Claims:

Please amend the claims as follows:

1 (Twice amended) In an *E. coli* RecA protein or a protein having a MAW motif homologous to the *E. coli* MAW motif, a [manufactured] RecA homolog protein mutant, wherein a naturally occurring amino acid residue located within the protein's homolog of *E. coli* residues 40 to 65, inclusive, shown in SEQ ID NO: 3, is replaced with a replacement amino acid residue which is volumetrically larger than the replaced amino acid residue.